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Approved For Release 2004/07/07 : CIA-RDP78T04743A000100060060-2

G-MB 885/63

16 December 1963

MEMORANDUM FOR: Chief, Defensive Systems Division, OSI

ATTENTION:

THRU: Chief, RB/RB/CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Soviet "Twin Cylinder" "W" Class Submarine, Photo Study

REFERENCE: Requirement No. C-S13-80,778 (Project No. C 1615-63)

1. In response to Requirement No. C-S13-80,778 (C 1615-63), a photographic analysis was performed on 6 black and white print enlargements (CIA 937370-937375) in order to determine the principal dimensions of the cruise missile launch tubes observed on the Twin Cylinder modification of the Soviet "W" Class Submarine.

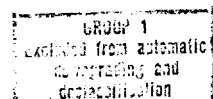
2. The results of this analysis, illustrating the principal dimensions of the cruise missile launch tubes aboard the Twin Cylinder submarine, are forwarded via the enclosed drawing (CIA/PID/GMB/P-5158/63, copy 1).

3. The following ratio data used for this analysis was coordinated between the requestor and of CIA/OSI/DSD and CIA/PID/GMB (NPIC):

- (a). Length overall
- (b). Height of DF loop
- (c). Height of lifeline stanchion post
- (d). Length from bow to forward edge of sail (less step)
- (e). Height from deckline to crown of periscope pedestal fairwater

4. The measurements forwarded via the enclosed graphic are considered accurate within tolerances of plus or minus one foot. It should be noted that the mensural analysis was performed on poor quality photographic print enlargements and that very limited camera data was furnished for this photography.

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5. The mensural analysis on this project was provided by CIA/TID/TAB (NPIC). The photo analysis on this project was performed by [redacted] CIA/PID/GMB (NPIC), who may be contacted on [redacted] for any additional information.

25X1
25X1

6. This memo with enclosures completes the referenced requirement.

[redacted]

25X1

ENCLOSURE:

1 Drawing (CIA/PID/GMB/P-5158/63, copy 1).

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